

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1483	310/313R.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 08:51
S2	1622	longitudinal\$ with coupl\$3 with filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 17:30
S3	219504	(surface boundary) adj acoustic adj wave or SAW or BAW	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 08:52
S4	524	S2 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 09:56
S5	360456	(silicon with (silicon adj dioxide or silicon adj oxide or silica)) (si with (sio2 or "sio. sub.2"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 12:49
S6	7034	S3 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 18:45
S7	39	S4 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 09:15
S8	1947	310/313A-313D.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 10:13
S9	22450	lithium adj niobate linbo3 "linbo.sub.3"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 10:13

S10	1555	euler near3 angles	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 10:14
S11	107	S9 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 12:32
S12	23	(US-20070284965-\$ or US-20060071579-\$ or US-20050099091-\$ or US-20050062560-\$ or US-20040140734-\$ or US-20030011281-\$ or US-20020158549-\$ or US-20020027485-\$ or US-20070090898-\$ or US-20050057323-\$ or US-20070132339-\$ or US-20040135469-\$ or US-20070108868-\$).did. or (US- 7218039-\$ or US- 6806795-\$ or US- 6713941-\$ or US- 6566983-\$ or US- 6538359-\$ or US- 5783896-\$ or US- 5777422-\$ or US- 5565724-\$ or US- 5446329-\$ or US- 7042133-\$).did.	US-PGPUB; USPAT	OR	ON	2008/01/11 10:20
S13	12	S12 and (electrode near3 thick\$4)	US-PGPUB; USPAT	OR	ON	2008/01/11 10:30
S14	145291	electrode with (au ag cu al fe ni w ta pt mo cr ti zno ito)	US-PGPUB; USPAT	OR	ON	2008/01/11 10:31
S15	20	S12 and S14	US-PGPUB; USPAT	OR	ON	2008/01/11 11:57
S16	1869	(S1 S8) and filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 10:42
S17	568	S16 and bandwidth	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 10:43

S18	273	S17 and coefficient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 10:48
S19	2902	(sh (shear adj horizontal)) with wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 11:58
S20	28	slow adj transverse adj wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 11:59
S21	13	S19 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 11:58
S22	324	(S1 S8) and resin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 12:34
S23	75240	resin with ((silicon adj dioxide or silicon adj oxide or silica) (si with (sio2 or "sio. sub.2"))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 12:50
S24	1165	S3 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/11 12:50
S25	30	(US-20070284965-\$ or US-20060071579-\$ or US-20050099091-\$ or US-20050062560-\$ or US-20040140734-\$ or US-20030011281-\$ or US-20020158549-\$ or US-20020027485-\$ or US-20070090898-\$ or US-20050057323-\$ or US-20070132339-\$ or US-20040135469-\$ or US-20070108868-\$ or US-20010008387-\$ or US-20030164657-\$ ).did. or (US- 7218039-\$ or US- 6806795-\$ or US-	US-PGPUB; USPAT	OR	ON	2008/01/11 13:13

		6713941-\$ or US- 6566983-\$ or US- 6538359-\$ or US- 5783896-\$ or US- 5777422-\$ or US- 5565724-\$ or US- 5446329-\$ or US- 7042133-\$ or US- 6489863-\$ or US- 6121713-\$ or US- 5773911-\$ or US- 7151424-\$ or US- 5973438-\$).did.				
S26	7	S25 and resin	US-PGPUB; USPAT	OR	ON	2008/01/11 13:13
S27	22458	lithium adj niobate linbo3 "linbo.sub.3"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 09:31
S28	1559	euler near3 angles	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 09:31
S29	108	S27 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 09:31
S30	3	"US 20040061575"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/01/15 10:22
S31	89930	(plane orientation) with crystal	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/01/15 10:23
S32	3418	S27 and S31	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/01/15 13:19
S33	990	((plane orientation) with crystal) same (lithium adj niobate linbo3 "linbo.sub.3")	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/01/15 10:24
S34	2892	S32 and (angle degree)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/01/15 13:21
S35	193663	surface adj acoustic adj wave or boundary adj acoustic adj wave or saw or baw	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/01/15 13:22

S36	582	S34 and S35	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/01/15 13:22
S37	38	(US-20070284965-\$ or US-20070108868-\$ or US-20040135469-\$ or US-20030164657-\$ or US-20010008387-\$ or US-20070090898-\$ or US-20050099091-\$ or US-20050062560-\$ or US-20040140734-\$ or US-20030011281-\$ or US-20020027485-\$ or US-20070132339-\$ or US-20060071579-\$ or US-20020158549-\$ or US-20050057323-\$ or US-20040061575-\$ or US-20020053856-\$ ).did. or (US- 7042133-\$ or US- 7151424-\$ or US- 6806795-\$ or US- 6713941-\$ or US- 7218039-\$ or US- 6538359-\$ or US- 6489863-\$ or US- 6121713-\$ or US- 5973438-\$ or US- 5783896-\$ or US- 5777422-\$ or US- 5773911-\$ or US- 5565724-\$ or US- 5446329-\$ or US- 6566983-\$ or US- 7180222-\$ or US- 6700300-\$ or US- 6373353-\$ or US- 6337531-\$ or US- 6141465-\$ or US- 6025636-\$).did.	US-PGPUB; USPAT	OR	ON	2008/01/15 17:30
S38	1623	longitudinal\$ with coupl\$3 with filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 17:30
S39	6	S37 and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 17:31

S40	145347	electrode with (au ag cu al fe ni w ta pt mo cr ti zno ito)	US-PGPUB; USPAT	OR	ON	2008/01/15 17:53
S41	30	S37 and S40	US-PGPUB; USPAT	OR	ON	2008/01/15 17:53
S42	360697	(silicon with (silicon adj dioxide or silicon adj oxide or silica)) (si with (sio2 or "sio. sub.2"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 18:23
S43	13	S37 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 18:23
S44	219729	(surface boundary) adj acoustic adj wave or SAW or BAW	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 18:45
S45	7038	S44 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 18:45
S46	329	S45 and idt	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/15 18:46
S47	28	slow adj transverse adj wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/22 07:55
S48	2904	(sh (shear adj horizontal)) with wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/22 07:55
S49	6310	((slow adj transverse) st) with wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/22 07:55
S50	311	S48 and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/22 07:56

S51	1485	310/313R.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/22 08:43
S52	1948	310/313A-313D.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/22 08:43
S53	892	(S51 S52) and ((electrode idt) with thick\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/22 08:43
S54	380	S53 and lambda	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/22 08:44
S55	29	(S51 S52) and (duty adj ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/22 08:50
S56	1516	310/313R.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:12
S57	1982	310/313A-313D.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:12
S58	1634	longitudinal\$ with coupl\$3 with filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:13
S59	226391	(surface boundary) adj acoustic adj wave or SAW or BAW	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:13
S60	545	S58 and S59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:13

S61	399927	(silicon with (silicon adj dioxide or silicon adj oxide or silica)) (si with (sio2 or "sio.sub.2"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:13
S62	7546	S59 and S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:13
S63	43	S60 and S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:13
S64	24066	lithium adj niobate linbo3 "linbo.sub.3"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:13
S65	1668	euler near3 angles	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:13
S66	118	S64 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:13
S67	22	(US-20070284965-\$ or US-20060071579-\$ or US-20050099091-\$ or US-20050062560-\$ or US-20040140734-\$ or US-20030011281-\$ or US-20020158549-\$ or US-20020027485-\$ or US-20070090898-\$ or US-20050057323-\$ or US-20070132339-\$ or US-20040135469-\$ or US-20070108868-\$).did. or (US- 7218039-\$ or US- 6806795-\$ or US- 6713941-\$ or US- 6566983-\$ or US- 6538359-\$ or US- 5783896-\$ or US- 5777422-\$ or US- 5565724-\$ or US- 5446329-\$ or US-	US-PGPUB; USPAT	OR	ON	2008/06/28 17:13



		7042133-\$).did.				
S68	12	S67 and (electrode near3 thick\$4)	US-PGPUB; USPAT	OR	ON	2008/06/28 17:13
S69	153540	electrode with (au ag cu al fe ni w ta pt mo cr ti zno ito)	US-PGPUB; USPAT	OR	ON	2008/06/28 17:13
S70	19	S67 and S69	US-PGPUB; USPAT	OR	ON	2008/06/28 17:13
S71	1908	(S56 S57) and filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:13
S72	575	S71 and bandwidth	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:14
S73	278	S72 and coefficient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:14
S74	2967	(sh (shear adj horizontal)) with wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:14
S75	31	slow adj transverse adj wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:14
S76	17	S74 and S75	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:14
S77	344	(S56 S57) and resin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:14
S78	83161	resin with ((silicon adj dioxide or silicon adj oxide or silica) (si with (sio2 or "sio. sub.2"))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:14

S79	1240	S59 and S78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:14
S80	29	(US-20070284965-\$ or US-20060071579-\$ or US-20050099091-\$ or US-20050062560-\$ or US-20040140734-\$ or US-20030011281-\$ or US-20020158549-\$ or US-20020027485-\$ or US-20070090898-\$ or US-20050057323-\$ or US-20070132339-\$ or US-20040135469-\$ or US-20070108868-\$ or US-20010008387-\$ or US-20030164657-\$ ).did. or (US- 7218039-\$ or US- 6806795-\$ or US- 6713941-\$ or US- 6566983-\$ or US- 6538359-\$ or US- 5783896-\$ or US- 5777422-\$ or US- 5565724-\$ or US- 5446329-\$ or US- 7042133-\$ or US- 6489863-\$ or US- 6121713-\$ or US- 5773911-\$ or US- 7151424-\$ or US- 5973438-\$).did.	US-PGPUB; USPAT	OR	ON	2008/06/28 17:14
S81	6	S80 and resin	US-PGPUB; USPAT	OR	ON	2008/06/28 17:14
S82	24066	lithium adj niobate linbo3 "linbo.sub.3"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:15
S83	1668	euler near3 angles	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:15
S84	118	S82 and S83	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:15

S85	1019	((plane orientation) with crystal) same (lithium adj niobate linbo3 "linbo.sub.3")	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/06/28 17:15
S86	94002	(plane orientation) with crystal	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/06/28 17:15
S87	3545	S82 and S86	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/06/28 17:15
S88	2992	S87 and (angle degree)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/06/28 17:15
S89	199995	surface adj acoustic adj wave or boundary adj acoustic adj wave or saw or baw	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/06/28 17:15
S90	606	S88 and S89	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/06/28 17:15
S91	37	(US-20070284965-\$ or US-20070108868-\$ or US-20040135469-\$ or US-20030164657-\$ or US-20010008387-\$ or US-20070090898-\$ or US-20050099091-\$ or US-20050062560-\$ or US-20040140734-\$ or US-20030011281-\$ or US-20020027485-\$ or US-20070132339-\$ or US-20060071579-\$ or US-20020158549-\$ or US-20050057323-\$ or US-20040061575-\$ or US-20020053856-\$).did. or (US-7042133-\$ or US-7151424-\$ or US-6806795-\$ or US-6713941-\$ or US-7218039-\$ or US-6538359-\$ or US-6489863-\$ or US-6121713-\$ or US-5973438-\$ or US-5783896-\$ or US-5777422-\$ or US-5773911-\$ or US-5565724-\$ or US-5446329-\$ or US-6566983-\$ or US-	US-PGPUB; USPAT	OR	ON	2008/06/28 17:15

		7180222-\$ or US-6700300-\$ or US-6373353-\$ or US-6337531-\$ or US-6141465-\$ or US-6025636-\$).did.				
S92	1634	longitudinal\$ with coupl\$3 with filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:15
S93	5	S91 and S92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:15
S94	153540	electrode with (au ag cu al fe ni w ta pt mo cr ti zno ito)	US-PGPUB; USPAT	OR	ON	2008/06/28 17:16
S95	29	S91 and S94	US-PGPUB; USPAT	OR	ON	2008/06/28 17:16
S96	399927	(silicon with (silicon adj dioxide or silicon adj oxide or silica)) (si with (sio2 or "sio. sub.2"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:16
S97	12	S91 and S96	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:16
S98	226391	(surface boundary) adj acoustic adj wave or SAW or BAW	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:16
S99	7546	S98 and S96	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:16
S100	365	S99 and idt	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:16
S101	2967	(sh (shear adj horizontal)) with wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:16

S102	6413	((slow adj transverse)st) with wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:16
S103	320	S101 and S102	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:16
S104	1516	310/313R.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:16
S105	1982	310/313A-313D.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:16
S106	918	(S104 S105) and ((electrode idt) with thick\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:16
S107	380	S106 and lambda	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:16
S108	32	(S104 S105) and (duty adj ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/28 17:16

6/28/2008 6:27:26 PM

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